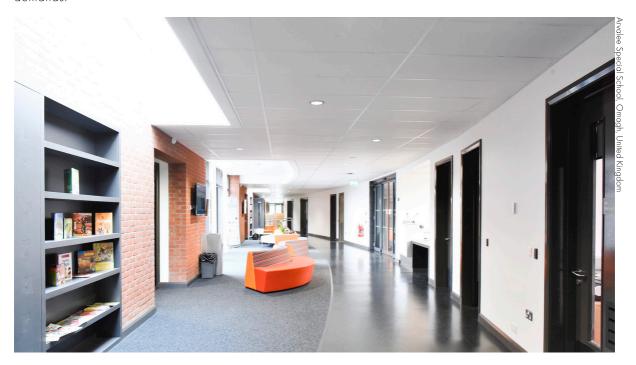


Ecophon Gedina™ A

Ecophon Gedina™ A has an exposed grid system with each tile individually demountable for easy access to above soffit. Ecophon Gedina™ A is made for applications which require an easy install, suspended ceiling and meet standard functional demands.

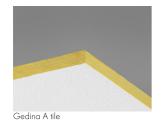


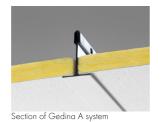
SYSTEM RANGE



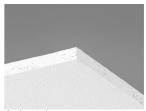
Size, mm	600x600	1200x600	1200x1200
Connect T15	•	•	•
Connect T24	•	•	•
Thickness	15	15	15
Inst. Diagr.	M118, M237	M118	M118

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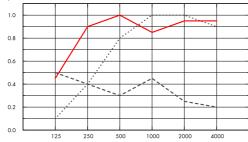
Gedina A tile



Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.

 $\alpha_{_{\text{D}^{\prime}}}$ Practical sound absorption coefficient



- Gedina A 15 mm, 50 mm o.d.s.
- Gedina A 15 mm, 200 mm o.d.s.
- --- Gedina A/gamma 15 mm, 200 mm o.d.s.
- o.d.s = overall depth of system

Frequency	H;

	THK	a da mm		$lpha_{ m p'}$ Pro	ictical sound	d absorption	coefficient		α	Sound absorption class	
	mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_{\sf w}$	Sound absorption class	
-	15	50	0.10	0.40	0.80	1.00	1.00	0.90	0.70	С	
-	15	200	0.45	0.90	1.00	0.85	0.95	0.95	0.95	А	
gamma	15	200	0.50	0.40	0.30	0.45	0.25	0.20	0.30	D	

	THK mm	o.d.s. mm	NRC	SAA
-	15	50	0.80	0.80
-	15	400	0.85	0.86

THK	AC(1.5)	D_{nfw}	CAC dB
mm	Articulation Class, ASTM E1111, ASTM E1110	Weighted normalized flanking level difference, ISO 10848-2	Ceiling Attenuation Class, ASTM 1414, ASTM E413
15	190	19	19

Indoor Air Quality



Certificate / Label	
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+





© Saint-Gobain Ecophon AB Ecophon Gedina™ A, 2024-09-30



Carbon footprint

kg CO2 equiv/m²		Life-cycle stages A1 to C4 from EPD, in conformity with ISC 14025 / EN 15804	
Gedina A	2,06	110207 ETT 10001	



Circularity

Minimum post-consumer recycled content	46%
Recyclability	Fully recyclable



Fire safety

Country	untry		The glass wool core of the tiles is tested and classified on non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horrecomboshble decording to £14 100 11 102.



Humidity Resistance

Classification

Class C, RH 95% and 30°C



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



System weight

	kg/m²	V
Gedina A	1,3	
Gedina A + Connect grid system	2,3	
Gedina A/Gamma	2,7	
Gedina A/Gamma + Connect grid system	1,7	

Weight information is indicative and subject to variation.



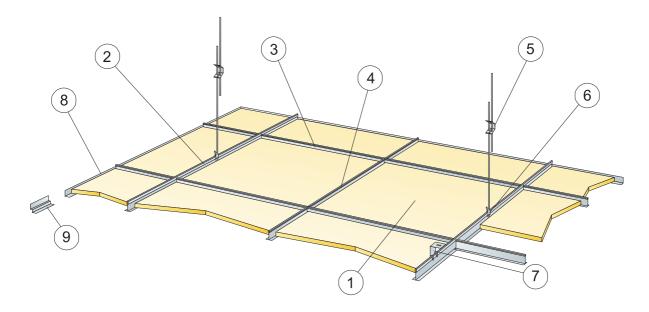
Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.

CE

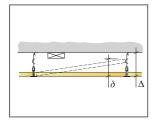


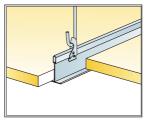
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



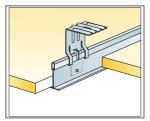
QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	Size, mm		
	600×600	1200×600	1200×1200	
Gedina A	2,8/m²	1,4/m²	0,7/m²	
2 Connect T24 or T15 Main runner, installed at 1200 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,9m/m²	0,9m/m²	0,9m/m²	
3 Connect T24 or T15 Cross tee, L=1200 mm, installed at 600 mm centres	1,7m/m²	1,7m/m²	0,9m/m²	
4 Connect T24 or T15 Cross tee, L=600 mm	0,9m/m²	-	-	
Connect Adjustable Hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,7/m²	0,7/m²	0,7/m²	
Connect Hanger Clip (not to be used in swimming hall environments)	0,7/m²	0,7/m²	0,7/m²	
7 For direct installation: Connect Direct Bracket, installed at 1200 mm centres	0,7/m²	0,7/m²	0,7/m²	
3 Connect Angle Trim, fixed at 300 mm centres	as required	as required	as required	
Connect Shadow-line Trim, fixed at 300 mm centres	as required	as required	as required	
Δ Min. overall depth of system, with adjustable hanger: 100 mm, with direct bracket: 50 mm	-	-	-	
δ Min. demounting depth: 120 mm (130 mm with 1200x1200)	-	-	-	
For luminaire integration in panels use Connect Bridging	-	-	-	





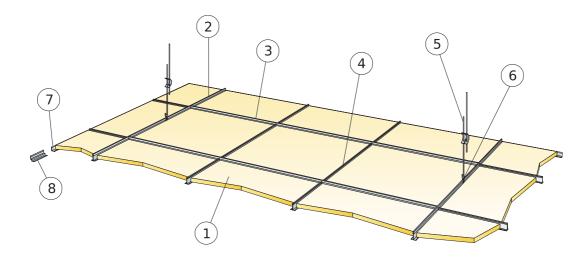
Suspension with adjustable hanger and clip



Suspension with direct bracket

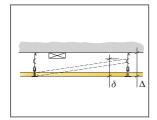
Size, mm	Max live load [N]	Min load bearing capacity (N)
600x600x15	50	160
1200x600x15	50	160
1200x1200x15	50	160

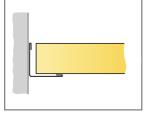
Live load/load bearing capacity

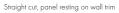


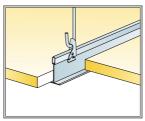
QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm
	600×600
1 Gedina A	2,8/m²
2 Connect T24 Main runner, installed at 1800 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,56m/m²
3 Connect T24 Cross tee, L=1800 mm	1,7m/m²
4 Connect T24 Cross tee, L=600 mm centres	1,1m/m ²
5 Connect Adjustable hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,46/m²
5 Connect Hanger clip	0,46/m²
7 Connect Angle trim, fixed at 300 mm centres	as required
3 Alt. Connect Shadow-line Trim, fixed c300	as required
δ Min. demounting depth; 120 mm	-
Δ Min. overall depth of system, with adjustable hanger: 100 mm, with direct bracket: 50 mm	-

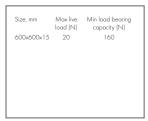








Suspension with adjustable hanger and clip

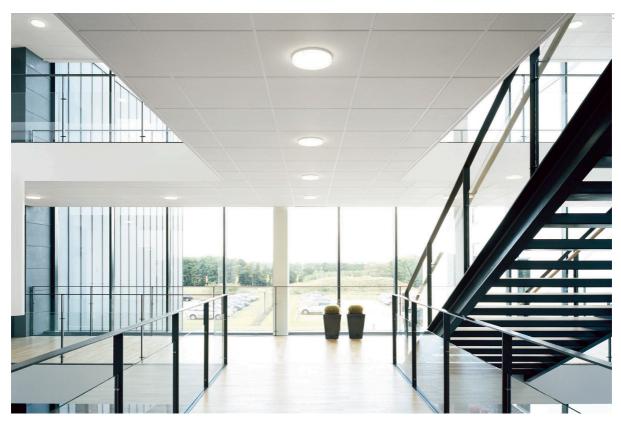


Live load/load bearing capacity



Ecophon Gedina™ E

Ecophon Gedina™ E has a recessed visible grid and a tegular edge design, creating a ceiling with a shadow effect that accentuates each tile and partially conceals the grid system. For applications which require an easy install, suspended ceiling and meet standard functional demands.



SYSTEM RANGE



Size, mm			
	600x600	1200x600	1200×1200
Connect T15	•	•	
Connect T24	•	•	•
Thickness	15	15	15
Inst. Diagr.	M121, M270, M401	M121, M401	M121

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Section of Gedina E system

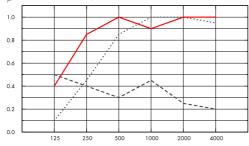
Gedina E system



Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.





- ···· Gedina E 15 mm, 60 mm o.d.s.
- Gedina E 15 mm, 200 mm o.d.s.
- --- Gedina E/gamma 15 mm, 200 mm o.d.s.

o.d.s = overall depth of system

Frequency I	H
rrequericy i	

	THK			$lpha_{ m p}$, Practical sound absorption coefficient						Sound absorption class	
	mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_{\scriptscriptstyle{\sf W}}$	30011a abs orption class	
-	15	60	0.10	0.45	0.85	1.00	1.00	0.95	0.75	С	
-	15	200	0.40	0.85	1.00	0.90	1.00	1.00	1.00	А	
gamma	15	200	0.50	0.40	0.30	0.45	0.25	0.20	0.30	D	

	THK mm	o.d.s. mm	NRC	SAA
-	15	60	0.85	0.86
-	15	400	0.85	0.83

THK	AC(1.5)	D_{nfw}	CAC dB
mm	Articulation Class, ASTM E1111, ASTM E1110	Weighted normalized flanking level difference, ISO 10848-2	Ceiling Attenuation Class, ASTM 1414, ASTM E413
15	190	19	19

Indoor Air Quality



Certificate / Label	
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+





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Carbon footprint

	kg CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with 14025 / EN 15804			
Gedina E	2,62	14023 / 211 10001			



Circularity

Minimum post-consumer recycled content	44%
Recyclability	Fully recyclable



Fire safety

Country		Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non-combostible according to ETV 150 TT02.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Humidity Resistance

Class A, relative humidity 70% and 25°C, according to EN 13964:2014



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



System weight

	kg/m²	Weight infor
Gedina E	1,3	
Gedina E + Connect grid system	2,3	
Gedina E/Gamma	1,7	
Gedina E/Gamma + Connect grid system	2,7	•

Weight information is indicative and subject to variation.

\text{kg}

Mechanical properties

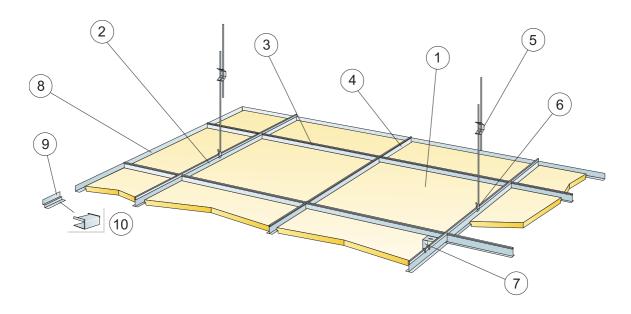
See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.



CE

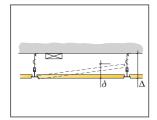
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

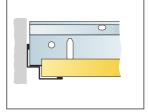
© Saint-Gobain Ecophon AB Ecophon Gedina™ E, 2024-09-30



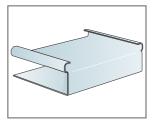
QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	Size, mm		
	600×600	1200×600	1200×1200	
1 Gedina E	2,8/m²	1,4/m²	0,7/m²	
2 Connect T24 Main runner, installed at 1200 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no between Main runner and wall).	live load 0,9m/m²	0,9m/m²	0,9m/m²	
3 Connect T24 Cross Tee, L=1200 mm, installed at 600 mm centres	1,7m/m²	1,7m/m²	0,7m/m²	
4 Connect T24 Cross tee, L=600 mm	0,9m/m²	-	-	
5 Connect Adjustable Hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,7/m²	0,7/m²	0,7/m²	
Connect Hanger Clip (not to be used in swimming hall environments)	0,7/m²	0,7/m²	0,7/m²	
7 For direct installation: Connect Direct Bracket, installed at 1200 mm centres	0,7/m²	0,7/m²	0,7/m²	
3 Connect Angle Trim, fixed at 300 mm centres	as required	as required	as required	
9 Connect Shadow-line Trim, fixed at 300 mm centres	as required	as required	as required	
10 Connect Eplug 0158/0154 (for Connect Shadow-line Trim)	as required	as required	as required	
Δ Min. overall depth of system, with adjustable hanger: 110 mm, with direct bracket: 60 mm.	-	-	-	
δ Min. demounting depth: 120 mm (130 mm with 1200x1200)	-	-	-	
For luminaire integration in panels use Connect Bridging	-	-	-	







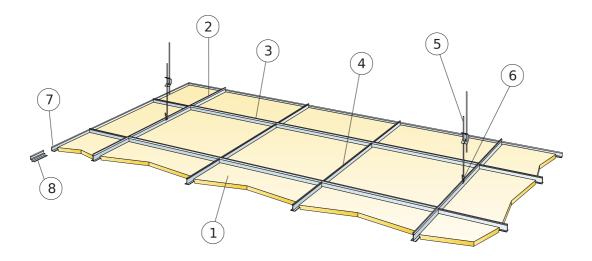


Connect E-plug

Size, mm	Max live load [N]	Min load bearing capacity (N)
600x600x15	30	160
1200x600x15	30	160
1200x1200x15	30	160

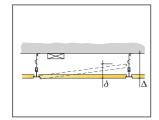
Live load/load bearing capacity

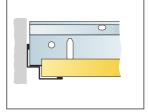
© Saint-Gobain Ecophon AB

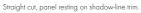


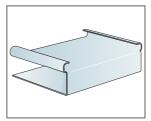
QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	
	600×600	
1 Gedina E	2,8/m²	
2 Connect T24 Main runner, installed at 1800 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,56m/m²	
3 Connect T24 Cross tee, L=1800 mm	1,7m/m²	
4 Connect T24 Cross tee, L=600 mm centres	1,1m/m²	
5 Connect Adjustable hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,46/m²	
5 Connect Hanger clip	0,46/m²	
Connect Angle trim, fixed at 300 mm centres	as required	
3 Alt. Connect Shadow-line Trim, fixed c300	as required	
Δ Min. overall depth of system, with adjustable hanger: 110 mm, with direct bracket: 60 mm.	-	
δ Min. demounting depth: 120 mm	-	
For luminaire integration in panels use Connect Bridging	-	

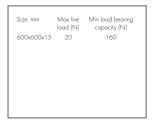




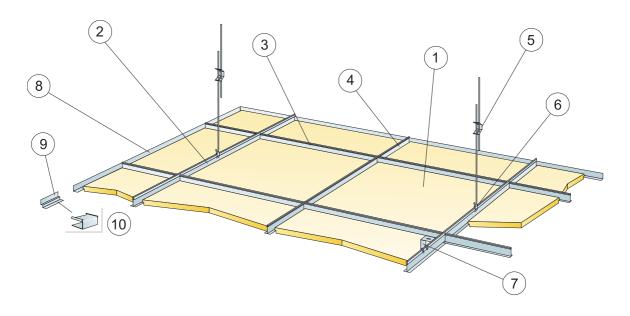




Connect E-plug

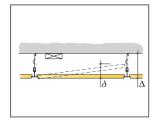


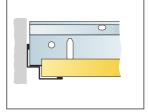
Live load/load bearing capacity



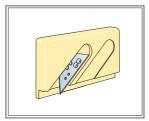
QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	
	600×600	1200×600
1 Gedina ET15	2,8/m²	1,4/m²
2 Connect T15 Main runner, installed at 1200 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runne and wall).	er 0,9m/m²	0,9m/m²
3 Connect T15 Cross tee, L=1200 mm, installed at 600 mm centres	1,7m/m²	1,7m/m²
4 Connect T15 Cross tee, L=600 mm	0,9m/m²	-
5 Connect Adjustable Hanger, installed at 1 200 mm centres (max. distance from wall 600 mm)	0,7/m²	0,7/m²
5 Connect Hanger Clip (not to be used in swimming hall environments)	0,7/m²	0,7/m²
7 For direct installation; Connect Direct Bracket, installed at 1200 mm centres	0,7/m²	0,7/m²
3 Connect Angle Trim, fixed at 300 mm centres	as required	as required
Connect Shadow-line Trim, fixed at 300 mm centres	as required	as required
Δ Min. overall depth of system, with adjustable hanger: 110 mm, with direct bracket: 60 mm.	-	-
δ Min. demounting depth: 120 mm	-	-
For luminaire integration in panels use Connect Bridging	-	-





Straight cut, panel resting on shadow-line trim.



Cutting tool E

Size, mm 600x600x15	Max live load (N) 30	Min load bearing capacity [N] 160
1200x600x15	30	160

Live load/load bearing capacity



Ecophon Gedina™ A + Extra Bass

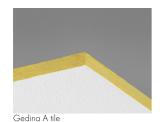
The Gedina™ A ceiling has an exposed grid with each tile easily demountable. Placed on top of the Gedina panel is the Extra Bass low frequency absorber. The suspended ceiling system is specially developed for spaces where low frequency absorption is required.



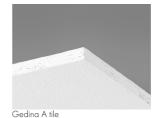
SYSTEM RANGE



Size, mm		
	600x600	1200x600
Extra Bass	•	•
T15	•	•
T24	•	•
Thickness	15	15
Inst. Diagr.	M376, M379	M376









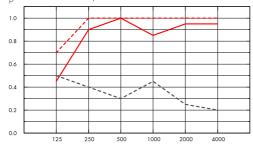
Section of Gedina A + Extra Bass



Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.

 $\alpha_{_{D^{\prime}}}$ Practical sound absorption coefficient



- Gedina A 15 mm, 200 mm o.d.s.
- --- Gedina A 15 mm + Extra Bass 50 mm, 200 mm o.d.s.
- --- Gedina A/gamma 15 mm, 200 mm o.d.s. o.d.s = overall depth of system

Frequency	H;

	THK	o.d.s. mm		$lpha_{ m p}$, Practical sound absorption coefficient					α	Sound absorption class
	mm	0.0.3. 111111	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_{\scriptscriptstyle \sf W}$	Sound absorption class
-	15	200	0.45	0.90	1.00	0.85	0.95	0.95	0.95	А
+ Extra Bass	65	200	0.70	1.00	1.00	1.00	1.00	1.00	1.00	А
gamma	15	200	0.50	0.40	0.30	0.45	0.25	0.20	0.30	D

7000

Carbon footprint



Life-cycle stages A1 to C4 from EPD, in conformity with ISO $14025 \ / \ EN \ 15804$



Circularity

Minimum post-consumer recycled content - Gedina A	46%
Minimum post-consumer recycled content - Extra Bass	66%
Recyclability	Fully recyclable



Fire safety

Country	Fire standard	Class
Europe	EN 13501-1	A2-s1,d0

The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



System weight

	${\rm kg/m^2}$	Weight
Gedina E	1,3	
Gedina E + Connect grid system	2,3	
Gedina E/Gamma	1,7	
Gedina E/Gamma + Connect grid system	2,7	,

Weight information is indicative and subject to variation.



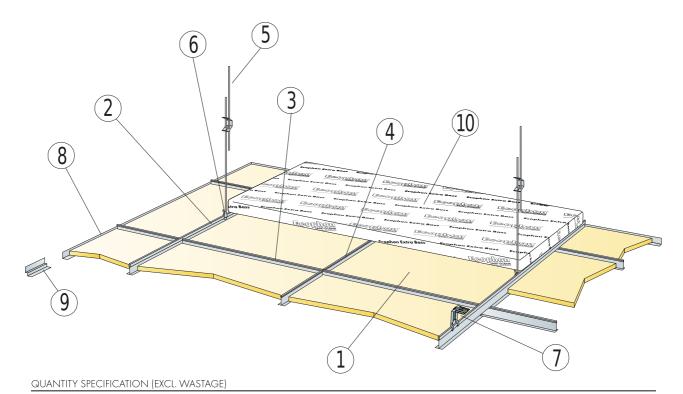
Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.

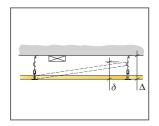


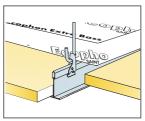
CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

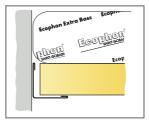


	Size, mm	
	600×600	1200×600
1 Gedina A	2,8/m²	1,4/m²
2 Connect T24 or T15 Main runner, installed at 1200 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,9m/m²	0,9m/m²
Connect T24 or T15 Cross tee, L=1200 mm, installed at 600 mm centres	1,7m/m²	1,7m/m²
4 Connect T24 or T15 Cross tee, L=600 mm	0,9m/m²	-
Connect Adjustable Hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,7/m²	0,7/m²
Connect Hanger Clip (not to be used in swimming hall environments)	0,7/m²	0,7/m²
For direct installation: Connect Direct Bracket, installed at 1200 mm centres	0,7/m²	0,7/m²
Connect Angle Trim, fixed at 300 mm centres	as required	as required
Connect Shadow-line Trim, fixed at 300 mm centres	as required	as required
O Extra Bass (1200x600x50 mm)	0,7/m²	0,7/m²
1	-	-
Δ Min. overall depth of system: 100 mm	-	-
δ Min. demounting depth: 120 mm (tiles without Extra Bass above)	-	-





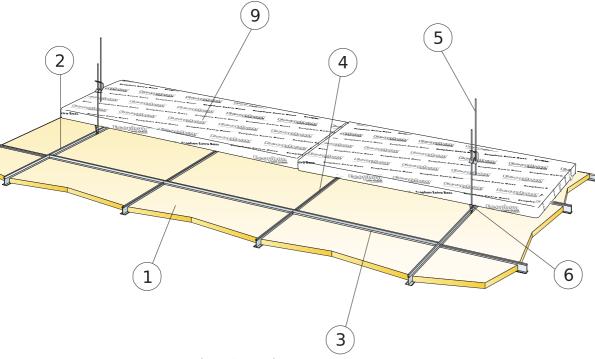
Suspension with adjustable hanger and clip



Panels resting on Angle trim

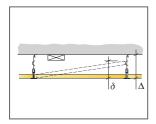
Size, mm 600x600x15	Max live load (N) 30	
1200x600x15	30	160

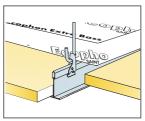
Live load/load bearing capacity



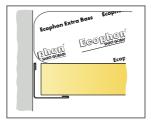
QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm
		600×600
	Gedina A	2,8/m²
	Connect T24 Main runner, installed at 1800 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,56m/m²
1	Connect T24 Cross tee, L=1800 mm	1,7m/m²
	Connect T24 Cross tee, L=600 mm centres	1,1m/m²
	Connect Adjustable hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,46/m²
,	Connect Hanger clip	0,46/m²
	Connect Angle trim, fixed at 300 mm centres	as required
	Alt. Connect Shadow-line Trim, fixed c300	as required
)	Extra Bass (1200x600x50 mm)	0,7/m²
0		-
	Δ Min. overall depth of system: 100 mm	-
	δ Min. demounting depth: 120 mm (tiles without Extra Bass above)	-

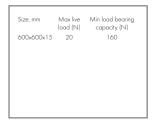




Suspension with adjustable hanger and clip



Panels resting on Angle trim

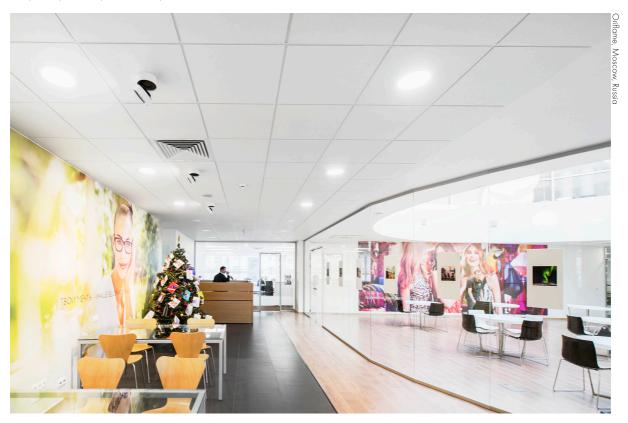


Live load/load bearing capacity



Ecophon Gedina™ E + Extra Bass

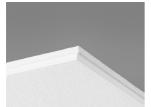
The Gedina™ E ceiling has a recessed visible grid and a tegular edge design. Placed on top of the Gedina E panel is the Extra Bass low frequency absorber. This suspended ceiling system is especially well suited for spaces where low frequency absorption is required.



SYSTEM RANGE



Size, mm		
	600x600	1200x600
Extra Bass	•	•
T15	•	•
T24	•	•
Thickness	15	15
Inst. Diagr.	M377, M380	M377



Gedina E tile



Section of Gedina E + Extra Bass system



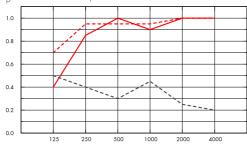
Gedina E system



Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.

$\alpha_{_{D^{\prime}}}$ Practical sound absorption coefficient



Frequency Hz

- Gedina E 15 mm, 200 mm o.d.s.
- --- Gedina E 15 mm + Extra Bass 50 mm, 200 mm
- --- Gedina E/gamma 15 mm, 200 mm o.d.s. o.d.s = overall depth of system

	THK mm	o.d.s. mm		$lpha_{ m p}$, Practical sound absorption coefficient						Sound absorption class					
		mm	mm	mm	mm	mm	mm	0.d.s. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_{w}
-	15	200	0.40	0.85	1.00	0.90	1.00	1.00	1.00	А					
+ Extra Bass	65	200	0.70	0.95	0.95	0.95	1.00	1.00	1.00	А					
gamma	15	200	0.50	0.40	0.30	0.45	0.25	0.20	0.30	D					

Poogs

Carbon footprint



Life-cycle stages A1 to C4 from EPD, in conformity with ISO $14025 \ / \ EN \ 15804$



Circularity

Minimum post-consumer recycled content - Gedina A	44%
Minimum post-consumer recycled content - Extra Bass	66%
Recyclability	Fully recyclable



Fire safety

Country	Fire standard	Class
Europe	EN 13501-1	A2-s1,d0

The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



System weight

	kg/m²	Weight information is indicative and subject to variation.
Gedina E	1,3	
Gedina E + Connect grid system	2,3	
Gedina E/Gamma	1,7	
Gedina E/Gamma + Connect grid system	2,7	



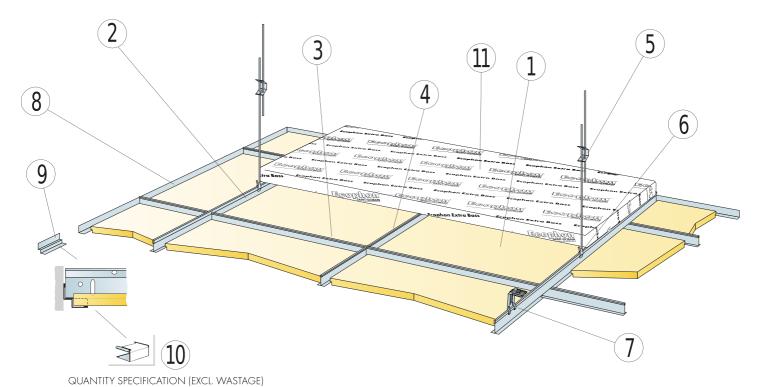
Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.

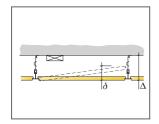


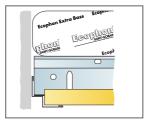
CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

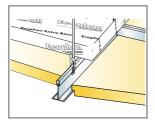


	Size, mm	
	600×600	1200×600
1 Gedina E	2,8/m²	1,4/m²
Connect T24 or T15 Main runner, installed at 1200 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,9m/m²	0,9m/m²
3 Connect T24 or T15 Cross tee, L=1200 mm, installed at 600 mm centres	1,7m/m²	1,7m/m²
4 Connect T24 or T15 Cross tee, L=600 mm	0,9m/m²	-
5 Connect Adjustable Hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,7/m²	0,7/m²
5 Connect Hanger Clip (not to be used in swimming hall environments)	0,7/m²	0,7/m²
7 For direct installation: Connect Direct Bracket, installed at 1200 mm centres	0,7/m²	0,7/m²
8 Connect Angle Trim, fixed at 300 mm centres	as required	as required
Connect Shadow-line Trim, fixed at 300 mm centres	as required	as required
10 Connect Eplug 0158/0154 (for Connect Shadow-line Trim)	as required	as required
11 Extra Bass (1200x600x50 mm)	0,7/m²	0,7/m²
12	-	-
Δ Min. overall depth of system: 110 mm	-	-
δ Min. demounting depth T15: 110 mm, T24: 90 mm (tiles without Extra Bass above)	ē	9





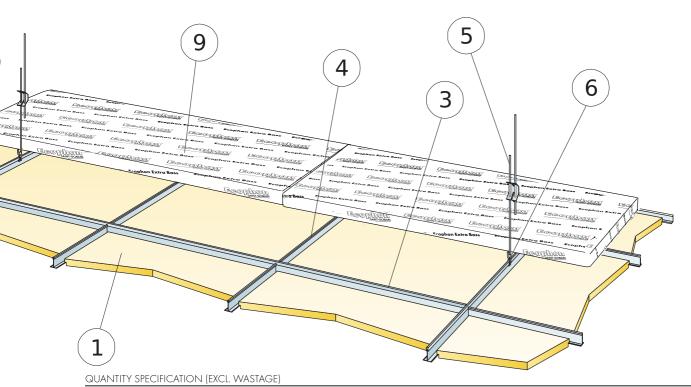
Straight cut, panel resting on shadow-line trim.



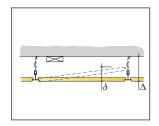
Suspension with adjustable hanger and clip

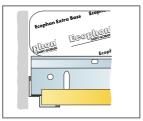
Size, mm 600x600x15	Max live load (N) 50	Min load bearing capacity [N] 160
1200x600x15	50	160

Live load/load bearing capacity

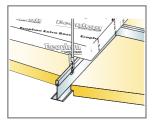


	Size, mm
	600×600
Gedina E	2,8/m²
Connect T24 Main runner, installed at 1800 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,56m/m²
Connect T24 Cross tee, L=1800 mm	1,7m/m²
Connect T24 Cross tee, L=600 mm centres	1,1m/m²
Connect Adjustable hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,46/m²
Connect Hanger dlip	0,46/m²
Connect Angle trim, fixed at 300 mm centres	as required
Alt. Connect Shadow-line Trim, fixed c300	as required
Extra Bass [1200x600x50 mm]	0,7/m²
0	-
Δ Min. overall depth of system: 110 mm	-
δ Min. demounting depth: 120 mm (tiles without Extra Bass above)	-

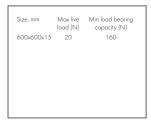




Straight cut, panel resting on shadow-line trim.



Suspension with adjustable hanger and clip

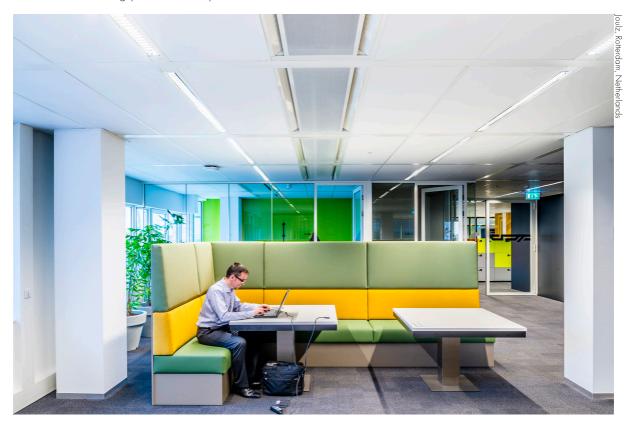


Live load/load bearing capacity



Ecophon Gedina™ A for Bandraster

Ecophon Gedina TM A for bandraster has an exposed grid system with each tile individually demountable. Especially developed for bandraster solutions where long panels are required.



SYSTEM RANGE



Size, mm	1 <i>7</i> 20x300	1720x600
Bandraster	•	•
Thickness	15	15
Inst. Diagr.	M346	M346

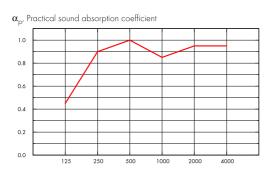






Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.



Gedina A 15 mm, 200 mm o.d.s.o.d.s = overall depth of system

Frequency Hz

THK	o.d.s. mm	$lpha_{ m p}$, Practical sound absorption coefficient						$\alpha_{_{ m W}}$	Sound absorption class	
mm	0.0.5. 111111	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	o.	Journa absorption class	
15	200	0.45	0.90	1.00	0.85	0.95	0.95	0.95	А	

THK mm	o.d.s. mm	NRC	SAA
15	400	0.85	0.86

THK	AC(1.5)	D_{nfw}	CAC dB
mm		Weighted normalized flanking level difference, ISO 10848-2	Ceiling Attenuation Class, ASTM 1414, ASTM E413
15	190	18	19

Indoor Air Quality



Certificate / Label	G35xxxxxx articles	37xxxxxx articles	
Eurofins Indoor Air Comfort®	IAC Gold	IAC Gold	
French VOC	A+	A+	
Finnish M1	•		







Circularity



Minimum post-consumer recycled content	55%
Recyclability	Fully recyclable



Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non composible decorating to ET4 100 TT02.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagram and bandraster/grid supplier recommendations.



System weight

	kg/m²	Weight information is indicative and subject to variation.
Gedina A	1,3	_
Gedina A + Connect grid system	2,3	
Gedina A/Gamma	2,7	
Gedina A/Gamma + Connect grid system	1,7	•



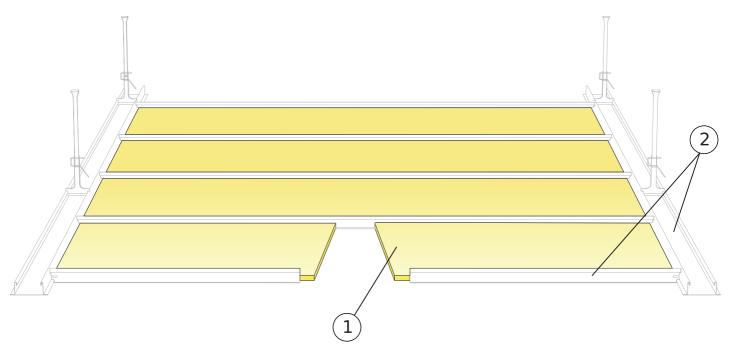
Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.



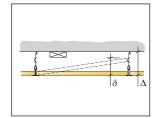
CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm	
		1720×300	1720×600
1	Gedina A for Bandraster	1,94/m²	0,97/m²
2	Bandraster profiles		as required
	Δ Min. overall depth of system according to bandraster supplier	-	-
	δ Min. demounting depth:	-	-







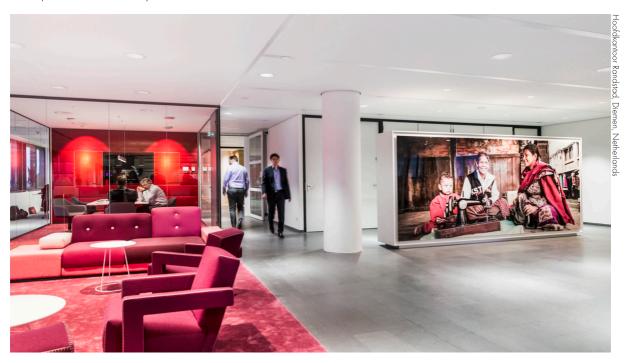


Live load/load bearing capacity



Ecophon Gedina™ D/A for Bandraster (T24)

Especially developed for bandraster solutions where long panels are required. The panels have a edge D on the long sides and edge A on the short sides. Each panel is individually demountable.



SYSTEM RANGE



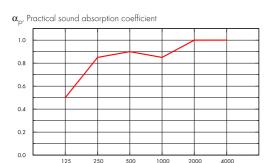
Size, mm	1 <i>7</i> 20x600
Bandraster	•
Thickness	15
Inst. Diagr.	M511





Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.



Gedina D/A 15 mm, 200 mm o.d.s. o.d.s = overall depth of system

Frequency Hz

	THK	o.d.s. mm	$lpha_{ m p}$, Practical sound	d absorption c	coefficient		$\alpha_{_{\scriptscriptstyle{\mathrm{W}}}}$	Sound absorption class		
mm	mm	m O.d.s. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	o.w	Sound absorption class
	15	200	0.50	0.85	0.90	0.85	1.00	1.00	0.90	А



Cradle to Cradle Certified®



This product is Cradle to Cradle Certified® at Bronze level (version 4.0).



Material Health

This product has received a C2C Certified Material Health Certificate™ at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate™ is a verification of the health and safety of a product's composition using the Material Health requirements of the Cradle-to-Cradle Certified Product Standard.



Carbon footprint



Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804



Circularity

Fully recyclable



Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non-combustible according to ETV 130-1102.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagram and bandraster/grid supplier recommendations.



System weight

	kg/m²	Weight information is indicative and subject to variation.
Gedina D/A	1,9	
Gedina D/A + Connect grid system	2,9	



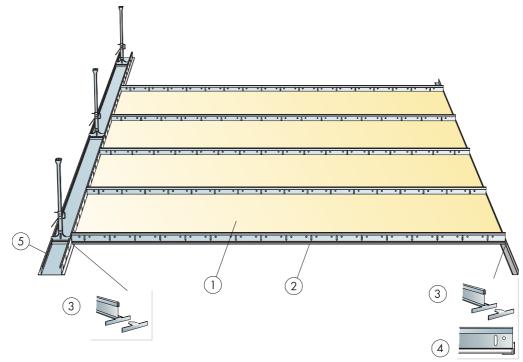
Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.



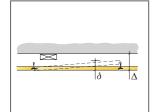
CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



QUANTITY SPECIFICATION (EXCL. WASTAGE)

		1720x600	
1	Gedina D/A for Bandraster	0,97/m²	
2	Connect T24 Corridor profile, installed at 600 mm centres	0,95/m²	
3	Connect End fixing plate	1,95/m²	
1	Connect Angle trim, fixed at 200 mm centres	as required	
5	Bandraster profiles	as required	
	Δ Min. overall depth of system according to bandraster supplier	-	
	δ Min. demounting depth:	-	









Live load/load bearing capacity



Ecophon Gedina™ D/A for Corridor

Especially developed for corridor solutions where long panels are required. The panels have a edge D on the long sides and edge A on the short sides. Each panel is individually demountable.



SYSTEM RANGE

F	Size, mm	1 <i>7</i> 20x600
	T24	•
	Thickness	15
	Inst. Diagr.	M475



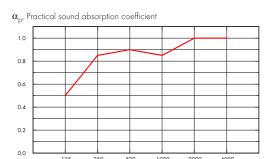


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Acoustic

Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.



Gedina D/A 15 mm, 200 mm o.d.s.o.d.s = overall depth of system

Frequency Hz

THK	o.d.s. mm	$lpha_{\sf p}$, Practical sound absorption coefficient						$\alpha_{_{\!\scriptscriptstyle{ m W}}}$	Sound absorption class
mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	∞ _w	Sound absorption class
15	200	0.50	0.85	0.90	0.85	1.00	1.00	0.90	А



Cradle to Cradle Certified®



This product is Cradle to Cradle Certified® at Bronze level (version 4.0).



Material Health

This product has received a C2C Certified Material Health Certificate™ at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate™ is a verification of the health and safety of a product's composition using the Material Health requirements of the Cradle-to-Cradle Certified Product Standard.



Carbon footprint

	kg CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISC 14025 / EN 15804
Gedina 4,45 (Gedina family EPD in conformity with D/A ISO 14025 / EN 15804)		- 14023 / LIN 13004



Circularity

Minimum post-consumer recycled content	55%
Recyclability	Fully recyclable



Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	— Horreombosible according to ETV 150-1162.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid.



System weight

	kg/m²	Weight information is indicative and subject to variation.
Gedina D	1 <i>,7</i>	
Gedina D + Connect grid system	2,7	



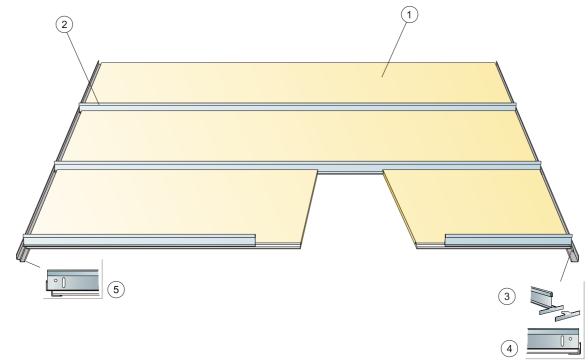
Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.



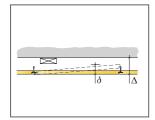
CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	
	1720×600	
Gedina D/A for Bandraster	0,97/m²	
Connect T24 Corridor profile, installed at 600 mm centres	0,95/m²	
Connect End fixing plate	1,95/m²	
Connect Angle trim, fixed at 200 mm centres	as required	
Connect Shadow-line trim, fixed at 200 mm centres	as required	
Δ Min. overall depth of system: 50 mm		
δ Min. demounting depth: 75 mm	-	
	Connect T24 Corridor profile, installed at 600 mm centres Connect End fixing plate Connect Angle trim, fixed at 200 mm centres Connect Shadow-line trim, fixed at 200 mm centres A Min. overall depth of system: 50 mm	



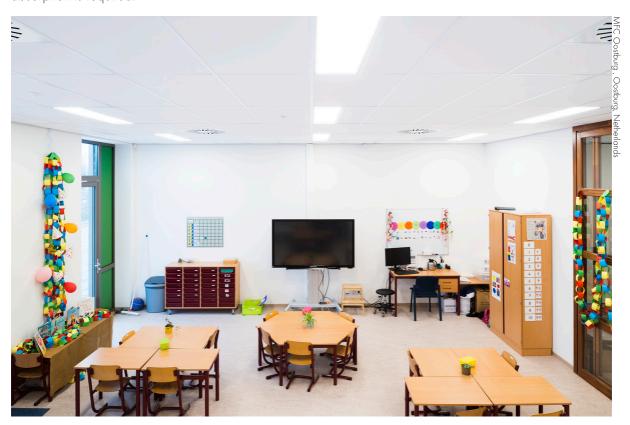


Live load/load bearing capacity



Ecophon Gedina™ A + Extra Bass

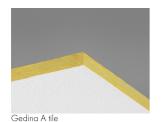
The Gedina™ A ceiling has an exposed grid with each tile easily demountable. Placed on top of the Gedina panel is the Extra Bass low frequency absorber. The suspended ceiling system is specially developed for spaces where low frequency absorption is required.



SYSTEM RANGE



Size, mm				
	600x600	1200x600		
Extra Bass	•	•		
T15	•	•		
T24	•	•		
Thickness	15	15		
Inst. Diagr.	M376, M379	M376		









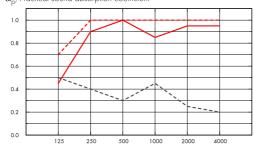
Section of Gedina A + Extra Bass



Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.

 $\alpha_{_{D^{\prime}}}$ Practical sound absorption coefficient

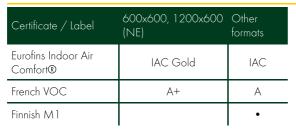


- Gedina A 15 mm, 200 mm o.d.s.
- --- Gedina A 15 mm + Extra Bass 50 mm, 200 mm
- --- Gedina A/gamma 15 mm, 200 mm o.d.s. o.d.s = overall depth of system

Frequency Hz

	THK mm	o.d.s. mm	$lpha_{ m p}$, Practical sound absorption coefficient					α	Sound absorption class	
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_{\scriptscriptstyle \sf W}$	Sound absorption class
-	15	200	0.45	0.90	1.00	0.85	0.95	0.95	0.95	А
+ Extra Bass	65	200	0.70	1.00	1.00	1.00	1.00	1.00	1.00	А
gamma	15	200	0.50	0.40	0.30	0.45	0.25	0.20	0.30	D

Indoor Air Quality









Carbon footprint



	kg CO2 equiv/m²
Gedina	2,06 (Gedina family EPD in conformity with ISO
A	14025 / EN 15804)
Extra	1,62 (Extra Bass EPD in conformity with ISO
Bass	14025 / EN 15804)

Life-cycle stages A1 to C4 from EPD, in conformity with ISO $14025 \ / \ EN \ 15804$



Circularity

Minimum post-consumer recycled content - Gedina A	46%
Minimum post-consumer recycled content - Extra Bass	66%
Recyclability	Fully recyclable



Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.				
Europe	EN 13501-1	A2-s1,d0	non-composible according to Et vide 1102.				



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



System weight

The weight of the system (including suspension grid and Extra Bass) should be approximately 3 kg/m².



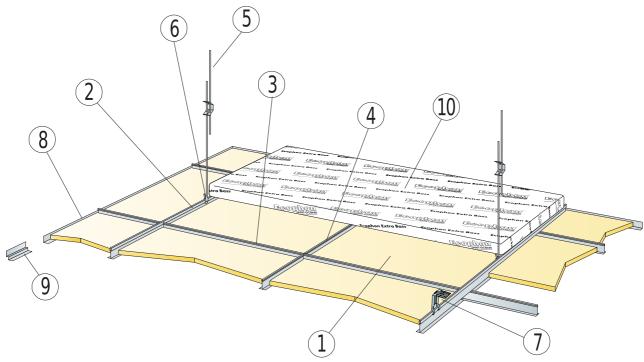
Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.

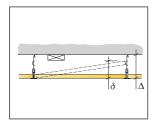


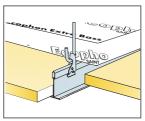
CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

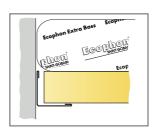


600×600	1200×600
2,8/m²	1,4/m²
en 0,9m/m²	0,9m/m²
1,7m/m²	1,7m/m²
0,9m/m²	-
0,7/m²	0,7/m²
0,7/m²	0,7/m²
0,7/m²	0,7/m²
as required	as required
as required	as required
0,7/m²	0,7/m²
-	-
-	-
÷	-
	2,8/m² 2,8/m² 0,9m/m² 1,7m/m² 0,9m/m² 0,7/m² 0,7/m² os required os required 0,7/m² -





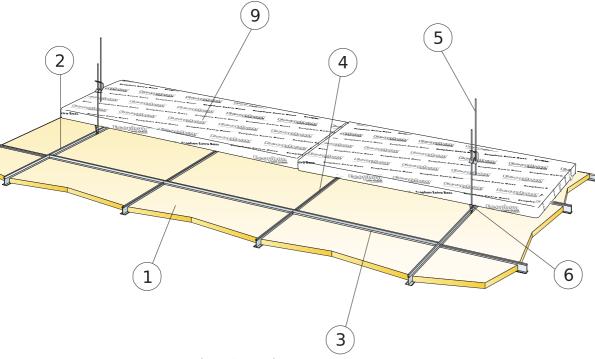
Suspension with adjustable hanger and clip



Panels resting on Angle trim

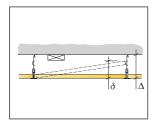
Size, mm 600x600x15	Max live load (N) 30	Min load bearing capacity [N] 160
1200x600x15	30	160

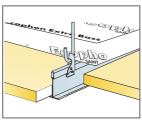
Live load/load bearing capacity



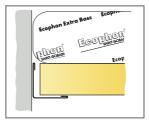
QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm
		600×600
Gedina A	A .	2,8/m²
? Connect	T24 Main runner, installed at 1800 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,56m/m²
Connect	T24 Cross tee, L=1800 mm	1,7m/m²
1 Connect	T24 Cross tee, L=600 mm centres	1,1m/m ²
Connect	Adjustable hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,46/m²
Connect	Honger clip	0,46/m²
Connect	Angle trim, fixed at 300 mm centres	as required
Alt. Conn	nect Shadow-line Trim, fixed c300	as required
Extra Bas	ss (1200x600x50 mm)	0,7/m²
0		-
Δ Min. o	overall depth of system: 100 mm	-
δ Min. de	emounting depth: 120 mm (tiles without Extra Bass above)	-

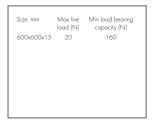




Suspension with adjustable hanger and clip



Panels resting on Angle trim



Live load/load bearing capacity



Ecophon Gedina™ E + Extra Bass

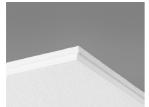
The Gedina™ E ceiling has a recessed visible grid and a tegular edge design. Placed on top of the Gedina E panel is the Extra Bass low frequency absorber. This suspended ceiling system is especially well suited for spaces where low frequency absorption is required.



SYSTEM RANGE



Size, mm	600x600	1200x600
Extra Bass		•
T15	•	•
T24	•	•
Thickness	15	15
Inst. Diagr.	M377, M380	M377



Gedina E tile



Section of Gedina E + Extra Bass system



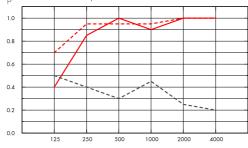
Gedina E system



Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.

 $\alpha_{_{D^{\prime}}}$ Practical sound absorption coefficient

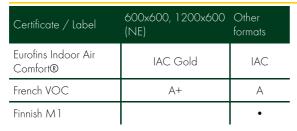


Frequency Hz

- Gedina E 15 mm, 200 mm o.d.s.
- --- Gedina E 15 mm + Extra Bass 50 mm, 200 mm
- --- Gedina E/gamma 15 mm, 200 mm o.d.s. o.d.s = overall depth of system

	THK mm	o.d.s. mm		$lpha_{ m p}$, Practical sound absorption coefficient						Sound absorption class
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_{w}	Sound absorption class
-	15	200	0.40	0.85	1.00	0.90	1.00	1.00	1.00	А
+ Extra Bass	65	200	0.70	0.95	0.95	0.95	1.00	1.00	1.00	А
gamma	15	200	0.50	0.40	0.30	0.45	0.25	0.20	0.30	D

Indoor Air Quality









Carbon footprint



	kg CO2 equiv/m²
Gedina	2,62 (Gedina family EPD in conformity with ISO
E	14025 / EN 15804)
Extra	1,62 (Extra Bass EPD in conformity with ISO
Bass	14025 / EN 15804)

Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804



Circularity

Minimum post-consumer recycled content - Gedina A	44%
Minimum post-consumer recycled content - Extra Bass	66%
Recyclability	Fully recyclable



Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non-comboshble decorating to ETT to CTT of ETT.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



System weight

The weight of the system (including suspension grid and Extra Bass) should be approximately 3 kg/m².



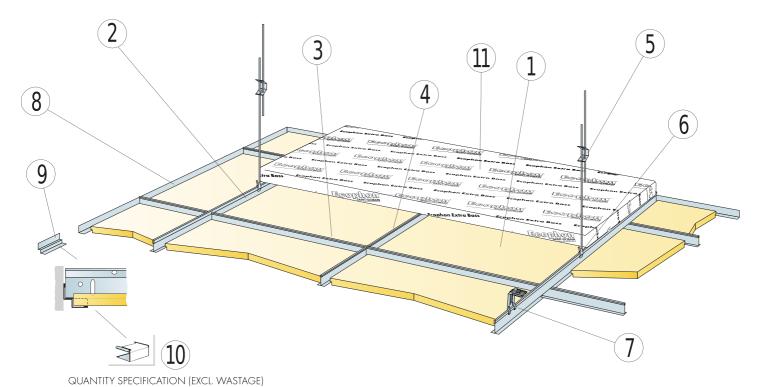
Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.

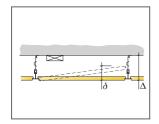


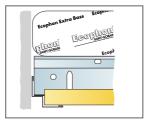
CE

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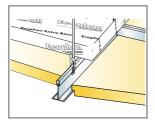


	Size, mm	
	600×600	1200×600
1 Gedina E	2,8/m²	1,4/m²
Connect T24 or T15 Main runner, installed at 1200 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,9m/m²	0,9m/m²
3 Connect T24 or T15 Cross tee, L=1200 mm, installed at 600 mm centres	1,7m/m²	1,7m/m²
4 Connect T24 or T15 Cross tee, L=600 mm	0,9m/m²	-
5 Connect Adjustable Hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,7/m²	0,7/m²
5 Connect Hanger Clip (not to be used in swimming hall environments)	0,7/m²	0,7/m²
7 For direct installation: Connect Direct Bracket, installed at 1200 mm centres	0,7/m²	0,7/m²
8 Connect Angle Trim, fixed at 300 mm centres	as required	as required
Connect Shadow-line Trim, fixed at 300 mm centres	as required	as required
10 Connect E-plug 0158/0154 (for Connect Shadow-line Trim)	as required	as required
11 Extra Bass (1200x600x50 mm)	0,7/m²	0,7/m²
12	-	-
Δ Min. overall depth of system: 110 mm	-	-
δ Min. demounting depth T15: 110 mm, T24: 90 mm (tiles without Extra Bass above)	ē	≘





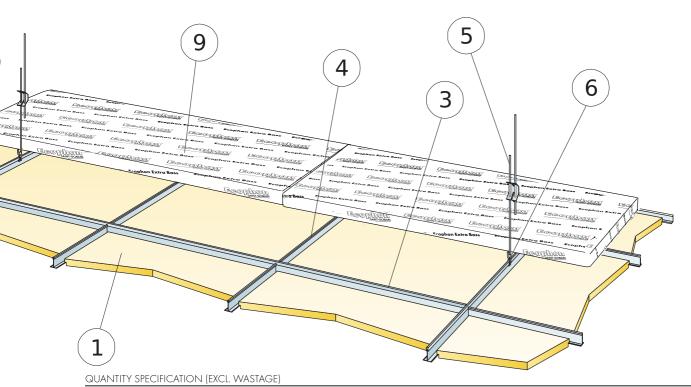
Straight cut, panel resting on shadow-line trim.



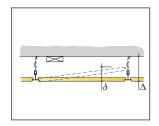
Suspension with adjustable hanger and clip

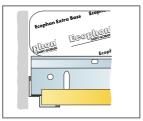
Size, mm 600x600x15	Max live load (N) 50	Min load bearing capacity [N] 160
1200x600x15	50	160

Live load/load bearing capacity

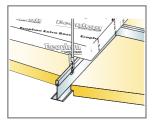


	Size, mm
	600×600
Gedina E	2,8/m²
Connect T24 Main runner, installed at 1800 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,56m/m²
Connect T24 Cross tee, L=1800 mm	1,7m/m²
Connect T24 Cross tee, L=600 mm centres	1,1m/m²
Connect Adjustable hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,46/m²
Connect Hanger clip	0,46/m²
Connect Angle trim, fixed at 300 mm centres	as required
Alt. Connect Shadow-line Trim, fixed c300	as required
Extra Bass (1200x600x50 mm)	0,7/m²
0	-
Δ Min. overall depth of system: 110 mm	-
δ Min. demounting depth: 120 mm (tiles without Extra Bass above)	-

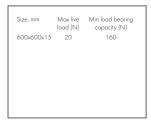




Straight cut, panel resting on shadow-line trim.



Suspension with adjustable hanger and clip



Live load/load bearing capacity